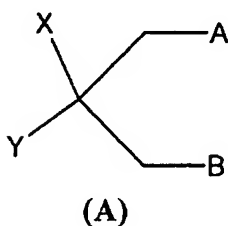


# Claims

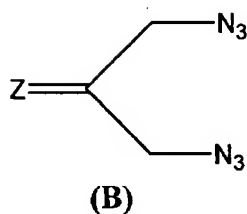
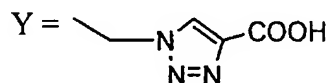
[c1] What is claimed is:

1. Low molecular weight polyazido compounds of the general formulae:

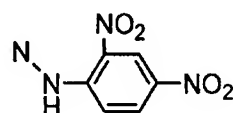


1.  $X = N_3$ ;  $Y = CH_2N_3$ ;  $A = B = N_3$
2.  $X = OH$ ;  $Y = CH_2N_3$ ;  $A = B = N_3$
3.  $X = ONO_2$ ;  $Y = CH_2N_3$ ;  $A = B = N_3$
4.  $X = NO_2$ ;  $Y = CH_2N_3$ ;  $A = B = N_3$
5.  $X = Y = NO_2$ ;  $A = B = N_3$
12.  $X = Y = NO_2$ ;  $A = B =$

13.  $X = OH$ ;  $A = B =$



6.  $Z = CH_2$
7.  $Z = O$
8.  $Z = NOH$
- 7-DNPH.  $Z =$



[c2] 2.The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azido-2-azidomethyl-1,3-diazidopropane (1).

[c3] 3.The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azidomethyl-2-hydroxy-1,3-diazidopropane (2).

[c4] 4.The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azidomethyl-2-nitrato-1,3-diazidopropane (3).

[c5] 5.The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azidomethyl-2-nitro-1,3-diazidopropane (4).

- [c6] 6.The low molecular weight polyazido compound of claim 1, wherein the compound is 2,2-dinitro-1,3-diazidopropane (5).
- [c7] 7.The low molecular weight polyazido compound of claim 1, wherein the compound is methallyldiazide (6).
- [c8] 8.The low molecular weight polyazido compound of claim 1, wherein the compound is 1,3-diazidoacetone (7).
- [c9] 9.The low molecular weight polyazido compound of claim 1, wherein the compound is 2-Oximido-1,3-diazidopropane (8).
- [c10] 10.The low molecular weight polyazido compound of claim 1, wherein the compound is N-2(azido-1-azidomethyl-ethylidene)-N''-(2,4-dinitrophenyl)-hydrazine (7-DNPH).
- [c11] 11.The low molecular weight polyazido compound of claim 1, wherein the compound is 1,3-bis(4-carboxytriazolyl)2,2-dinitropropane (12).
- [c12] 12.The low molecular weight polyazido compound of claim 1, wherein the compound is tris(4-carboxytriazolomethyl)methanol (13).